

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #67—October 13, 2008

Work Completed: October 2 - October 8, 2008

- Continued removing soil and sediment from Mid-Channel Area A and Removal Area 13B.
- Continued removing soil and sediment within the Phase 2 Cofferdam area.
- Continued post-construction seeding activities in Removal Areas 11A and 12A.
- Continued site preparation activities to facilitate removal of sediment behind the Phase 2 Cofferdam and to develop equipment access to the island area.
- Continued soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continued loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste C&C Landfill and Ottawa County Farms Landfill.
- Continued loading and transporting solidified soil/sediment TSCA material from Staging Area 5S to EQ Wayne County Disposal Facility.
- Completed realignment of steel sheeting in Mid-Channel Area A. Wing wall sections will be removed and re-driven to encompass the northern half of the mid-channel.
- Began installation of the resuspension control system for Removal Area 13A.
- Continued operation of the WCS.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	1,085	31	1,610	46
2008 Total	13,685	391	50,470	1,442
Project Total to Date	16,695	477	84,875	2,471

Note: All values are unofficial, estimated quantities, subject to revision/verification.

US EPA RECORDS CENTER REGION 5

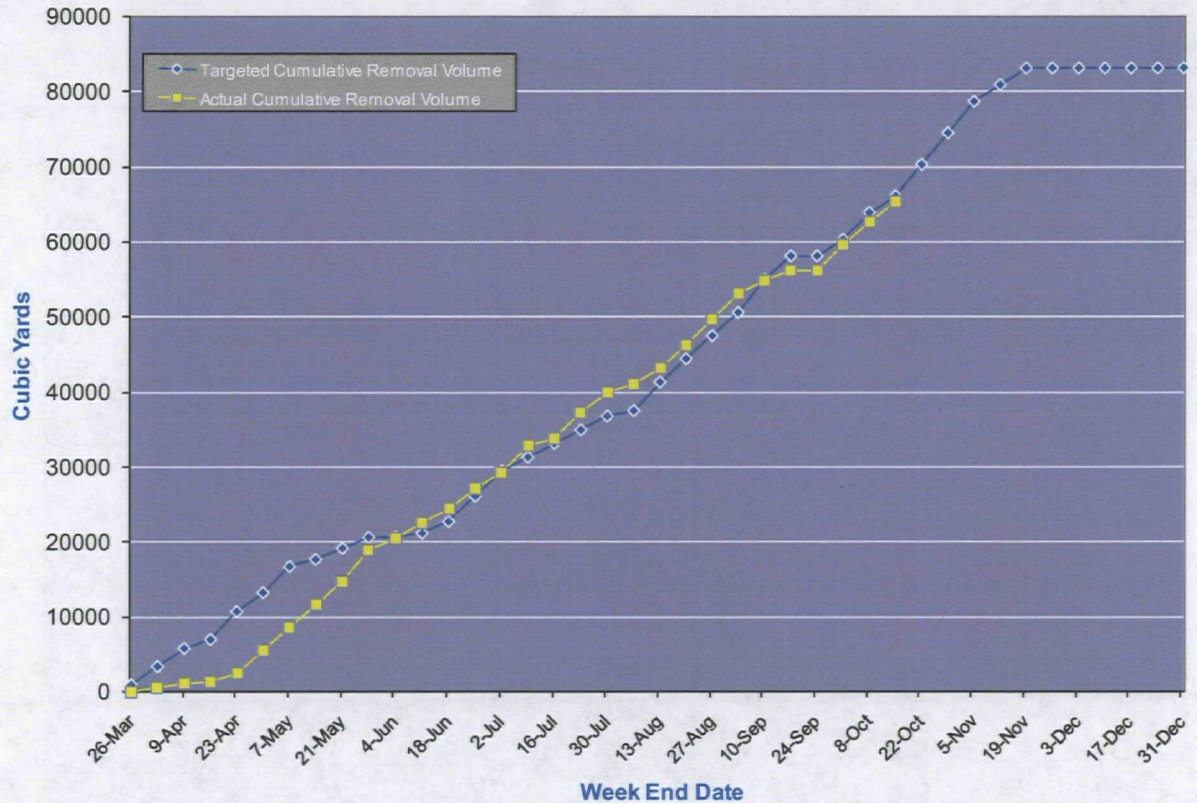


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Work Planned: October 9 - October 15, 2008

- Complete removal of soil and sediment from Removal Area 13B.
- Complete site preparation activities to facilitate removal of material behind the Phase 2 Cofferdam and develop equipment access to the island area.
- Complete the installation of a resuspension control system for and Removal Area 13A.
- Continue removing soil and sediment from Mid-Channel Area A.
- Continue removing soil and sediment within the Phase 2 Cofferdam area.
- Continue post-construction activities in Removal Areas 11A and 12A.
- Continue soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continue loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continue loading and transporting solidified soil/sediment TSCA material from Staging Area 5S to EQ Wayne County Disposal Facility.
- Continue operation of the WCS.

Removal Progress



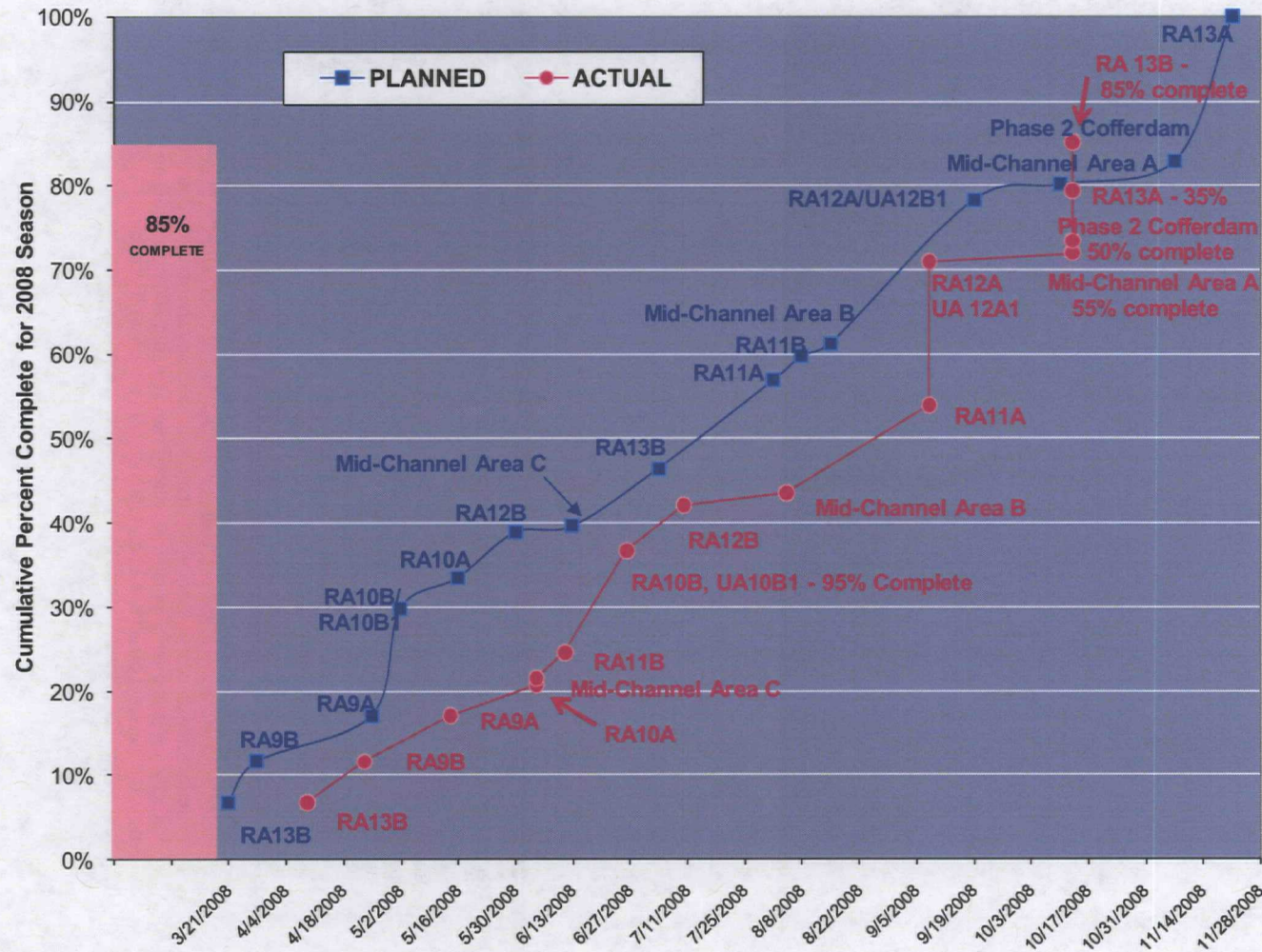
Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBL ES 4/30/07 Plainwell TCRA Construction Schedule.

In Plainwell Weekly Construction Reports published between July 14 and October 13, 2008 (Reports #55 through #67), this graph incorrectly depicted the cumulative removal volume. During that period, the incremental increase added each week reflected only additional TSCA material removed, rather than total volume removed to date. Beginning with Report #68 on October 20, 2008 this Removal Progress graph now correctly displays total cumulative volume removed in the 2008 construction season. However, for this USEPA copy, the incorrect graph has been replaced with a corrected version.

Removal Progress



Notes:

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.

Health & Safety Update

- 5 Loss Prevention Observations (LPOs) were completed during this period.
A total of 230 LPOs have been completed for the project to date.

Weather Summary

- No weather delays encountered.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 0 gallons (Staging Area 4N) and 0 gallons (Staging Area 5S)

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☐ Yes ☒ If yes, explain: Analytical results of one batch during this period, prior to discharge, resulted in PCB detections that exceeded the SRD permit requirements. The granulated carbon is scheduled to be replaced this week. The batch will be re-treated and re-sampled to ensure SRD permit compliance prior to discharge.

Excavation Verification Sampling:

Testing Performed this Week? No ☒ Yes ☐
Cleanup Standard Achieved? N/A ☒ Yes ☐ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- None.

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Equipment on Site

Equipment	10/2/08	10/3/08	10/4/08	10/5/08	10/6/08	10/7/08	10/8/08
Komatsu PC-300 Excavator	4	4	4	4	4	4	4
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	-	-
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

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Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	10/2/08	10/3/08	10/4/08	10/5/08	10/6/08	10/7/08	10/8/08
Terra Contracting Staff	20	20	15		20	20	20
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Sam Borries/USEPA						X	
Mike Ribordy/USEPA OSC						X	X
Karl Gustavson/US ARMY ERDC							
Paul Bucholtz/MDEQ						X	X
John Bradley/MDEQ							
Judith Gapp/MDEQ							
Todd Goeks/NOAA							
John Lerg/MDNR							
Sharon Hanshue/MDNR							
Chris Frieburger/MDNR							
Weston Contractors	X	X			X	X	X
CDM Contractors	X	X			X	X	X
Chase Fortenberry/KRSG						X	X
Mark Brown/KRSG							
Paul Monteny/KRSG						X	X
Eric Schmidt/KRSG							
Mark Stevenson/ARCADIS							
Steve Garbaciak/ARCADIS						X	X
Mike Erickson/ARCADIS						X	X
Scott Marcus/ARCADIS	X	X	X				
Steve Montagna/ARCADIS							
Matt Bowman/ARCADIS						X	X
EJ Suardini/ARCADIS	X	X			X	X	X
Mike Kohagen/ARCADIS	X	X	X		X	X	X
Michelle Rumler/ARCADIS	X				X	X	X
Joe Willoughby/ARCADIS	X	X			X	X	X
Ben Lawrence/ARCADIS	X	X	X		X	X	X
Nick Harmer/ARCADIS	X	X	X		X	X	X
KRSG Site Tour						X	X
<i>Other Subcontractors (Specify)</i>							
King Co.	4	4	4		4	4	4
JF New							

Photos from October 2 - October 8, 2008



Excavating soil and sediment from
Mid-Channel Area A.



Excavating soil from the floodplain in
Removal Area 13B.

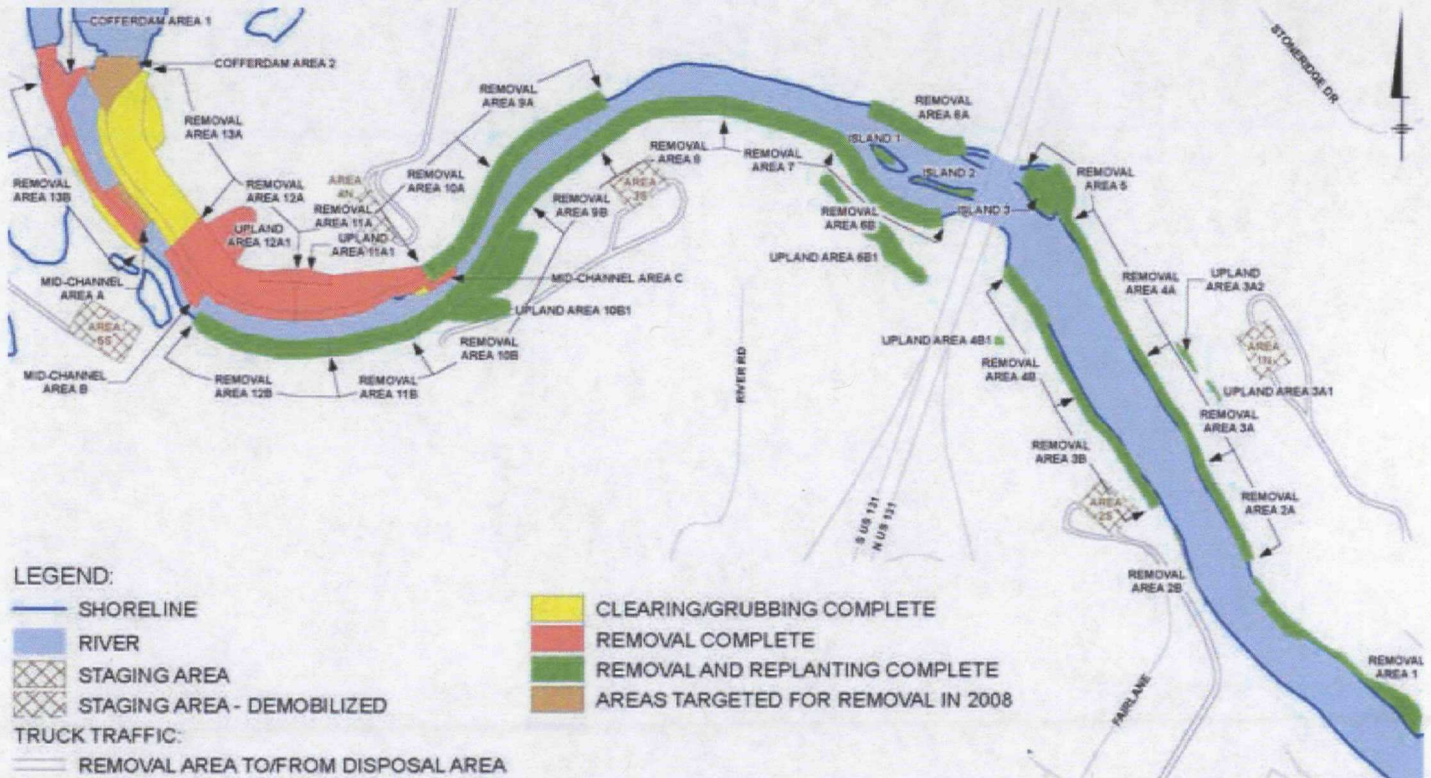


Installing a temporary bridge to facilitate removal
of sediment within the Phase 2 Cofferdam area.



Installing the resuspension control system in
Removal Area 13A.

Targeted Removal Areas – Former Plainwell Impoundment



Notes:

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.